

CLAIMS

1. A method of automatically re-establishing a GPRS/EDGE connection between a mobile station and a network following a successfully executed network detach request, the method comprising:

in the mobile station:

determining if a detach type parameter associated with the network detach request is set to re-attach not required;

if the detach type parameter associated with the detach request is set to re-attach not required, and the detach cause parameter associated with the detach request does contain a null value, then monitoring a timeout parameter; and

automatically initiating a GPRS/EDGE re-attachment with the network upon expiration of the timeout parameter.

2. The method of claim 1 wherein the timeout parameter is a T3212 timeout value according to the GSM specification.

3. The method of claim 1 wherein the timeout parameter is a T3302 timeout value according to the GSM specification.

4. A computer program product embodied on a computer readable storage medium for automatically re-establishing a GPRS/EDGE connection between the mobile station and a network following a successfully executed network detach request, the computer program product comprising:

computer program code for determining if a detach type parameter associated with the network detach request is set to re-attach not required;

if the detach type parameter associated with the detach request is set to re-attach not required, and the detach cause parameter associated with the detach request does contain a null value, then computer program code for monitoring a timeout parameter; and

computer program code for automatically initiating a GPRS/EDGE re-attachment with the network upon expiration of the timeout parameter.

5. The computer program product embodied on a computer readable storage medium of claim 4 wherein the timeout parameter is a T3212 timeout value according to the GSM specification.

6. The computer program product embodied on a computer readable storage medium of claim 4 wherein the timeout parameter is a T3302 timeout value according to the GSM specification.

7. A system for automatically re-establishing a GPRS/EDGE connection between the mobile station and a network following a successfully executed network detach request, the system comprising:

means for determining if a detach type parameter associated with the network detach request is set to re-attach not required;

if the detach type parameter associated with the detach request is set to re-attach not required, and the detach cause parameter associated with the detach request does contain a null value, then means for monitoring a timeout parameter; and

means for automatically initiating a GPRS/EDGE re-attachment with the network upon expiration of the timeout parameter.

8. The system of claim 7 wherein the timeout parameter is a T3212 timeout value according to the GSM specification.

9. The system of claim 7 wherein the timeout parameter is a T3302 timeout value according to the GSM specification.